

(FILE 'HOME' ENTERED AT 15:39:36 ON 17 MAR 2003)

FILE 'USPATFULL' ENTERED AT 15:39:53 ON 17 MAR 2003

L1	0 S 263557-74-0/RN
L2	0 S 263557-73-9/RN
L3	0 S 263557-75-1/RN
L4	10 S 7-ALKOXYCOUMARIN
L5	3 S 7-ALKOXY COUMARIN
L6	13 S L4 OR L5

=> log hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

15.15

15.36

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:43:04 ON 17 MAR 2003

=&gt; d que

L53 ( 17)SEA FILE=CAPLUS ABB=ON PLU=ON BAMBAL RAM?/AU  
 L54 ( 175)SEA FILE=CAPLUS ABB=ON PLU=ON ELLIOTT RICH?/AU  
 L55 1 SEA FILE=CAPLUS ABB=ON PLU=ON L53 AND L54  
 L56 7 SEA FILE=REGISTRY ABB=ON PLU=ON (108-46-3/BI OR 155667-00-8/B  
 I OR 263557-72-8/BI OR 263557-73-9/BI OR 263557-74-0/BI OR  
 263557-75-1/BI OR 9035-51-2/BI)  
 L57 1 SEA FILE=CAPLUS ABB=ON PLU=ON L55 AND L56

=&gt; D IBIB ABS HITSTR

L57 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:260575 CAPLUS

DOCUMENT NUMBER: 132:290490

TITLE: Preparation of 7-alkoxycoumarins and their use as CYP2C9 substrates in an assay for testing for the enzyme inhibitors

INVENTOR(S): **Bambal, Ramesh B.; Elliott, Richard Leonard**

PATENT ASSIGNEE(S): Smithkline Beecham PLC, UK

SOURCE: PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

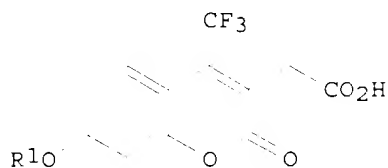
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000022159	A1	20000420	WO 1999-EP7416	19991004
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1119639	A1	20010801	EP 1999-948946	19991004
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.: GB 1998-22140 A 19981009  
 WO 1999-EP7416 W 19991004

OTHER SOURCE(S): CASREACT 132:290490; MARPAT 132:290490

GI

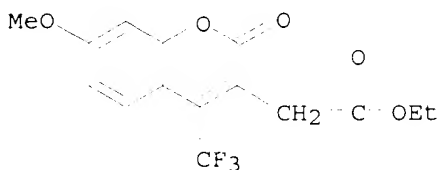


AB Prepn. of 7-alkoxycoumarins (I) and their use as cytochrome P 450 CYP2C9 substrates in an assay for testing for the enzyme inhibitors is disclosed. O-dealkylation of I following incubation with CYP2C9 gives a readily quantifiable fluorescent product. In a preferred aspect of the invention prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-acetic acid and its use as a CYP2C9 substrate is described.

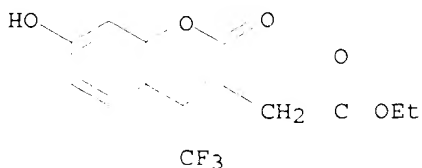
IT 9035-51-2, Cytochrome P450, analysis  
 RL: ANT (Analyte); ANST (Analytical study)  
 (CYP2C9; prepn. of 7-alkoxycoumarins and their use as CYP2C9 substrates  
 in assay for testing for enzyme inhibitors)  
 RN 9035-51-2 CAPLUS  
 CN Cytochrome P 450 (9CI) (CA INDEX NAME)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

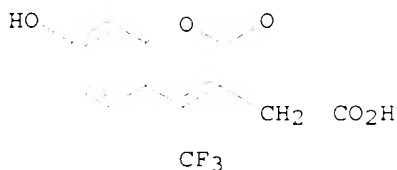
IT 263557-74-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (ester hydrolysis of; prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-  
 acetic acid and its use as CYP2C9 substrates in assay for testing for  
 enzyme inhibitors)  
 RN 263557-74-0 CAPLUS  
 CN 2H-1-Benzopyran-3-acetic acid, 7-methoxy-2-oxo-4-(trifluoromethyl)-, ethyl  
 ester (9CI) (CA INDEX NAME)



IT 263557-73-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (methylation of; prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-acetic  
 acid and its use as CYP2C9 substrates in assay for testing for enzyme  
 inhibitors)  
 RN 263557-73-9 CAPLUS  
 CN 2H-1-Benzopyran-3-acetic acid, 7-hydroxy-2-oxo-4-(trifluoromethyl)-, ethyl  
 ester (9CI) (CA INDEX NAME)



IT 263557-75-1  
 RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);  
 MFM (Metabolic formation); ANST (Analytical study); BIOL (Biological  
 study); FORM (Formation, nonpreparative); USES (Uses)  
 (prepn. of 7-alkoxycoumarins and their use as CYP2C9 substrates in  
 assay for testing for enzyme inhibitors)  
 RN 263557-75-1 CAPLUS  
 CN 2H-1-Benzopyran-3-acetic acid, 7-hydroxy-2-oxo-4-(trifluoromethyl)- (9CI)  
 (CA INDEX NAME)

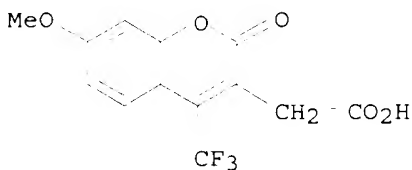


IT 263557-72-8P

RL: ARG (Analytical reagent use); SPM (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)  
 (prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-acetic acid and its use as CYP2C9 substrates in assay for testing for enzyme inhibitors)

RN 263557-72-8 CAPLUS

CN 2H-1-Benzopyran-3-acetic acid, 7-methoxy-2-oxo-4-(trifluoromethyl)- (9CI)  
 (CA INDEX NAME)



IT 108-46-3, Resorcinol, reactions 155667-00-8

RL: RCT (Reactant); RACT (Reactant or reagent)  
 (prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-acetic acid and its use as CYP2C9 substrates in assay for testing for enzyme inhibitors)

RN 108-46-3 CAPLUS

CN 1,3-Benzenediol (9CI) (CA INDEX NAME)



RN 155667-00-8 CAPLUS

CN Aspartic acid, N-(trifluoroacetyl)-, diethyl ester (9CI) (CA INDEX NAME)

O

O NH C CF<sub>3</sub>EtO C CH CH<sub>2</sub> C OEt

O

REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Spec. Search  
Comp. II

L Guo; 09/806,877

Page 1

=> FIL REG

FILE 'REGISTRY' ENTERED AT 15:24:54 ON 20 SEP 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2002 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 SEP 2002 HIGHEST RN 453507-55-6  
DICTIONARY FILE UPDATES: 19 SEP 2002 HIGHEST RN 453507-55-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

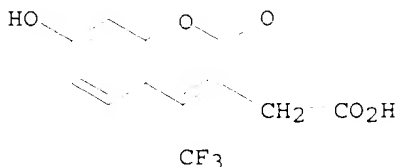
=> d que 11

L1 2 SEA FILE=REGISTRY ABB=ON PLU=ON 263557-75-1/RN OR 263557-72-8  
/RN

*See CAS registered numbers for  
compound I R = CF<sub>3</sub> and II from 1991.*

=> d 11 1-2

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS  
RN **263557-75-1** REGISTRY  
CN 2H-1-Benzopyran-3-acetic acid, 7-hydroxy-2-oxo-4-(trifluoromethyl)- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C12 H7 F3 O5  
SR CA  
LC STN Files: CA, CAPLUS

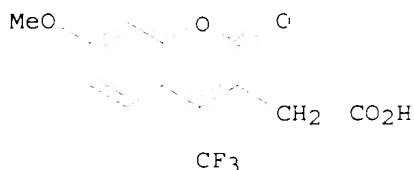


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2002 ACS  
RN **263557-72-8** REGISTRY  
CN 2H-1-Benzopyran-3-acetic acid, 7-methoxy-2-oxo-4-(trifluoromethyl)- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C13 H9 F3 O5

SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d que 12

L2 0 SEA FILE=REGISTRY ABB=ON PLU=ON "2H-1-BENZOPYRAN-3-ACETIC  
ACID, (7-ETHOXY)-2-OXO-4-(TRIFLUOROMETHYL)-"/CN

CA Chemical Name search for 2H-1-benzopyran-3-acetic acid where R = C2H5

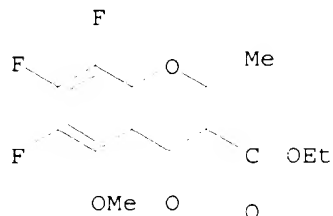
=> d que 15

L4 10 SEA FILE=REGISTRY ABB=ON PLU=ON C14 H11 F3 O5/MF  
L5 3 SEA FILE=REGISTRY ABB=ON PLU=ON L4 AND BENZOPYRAN

CA Molecular formula search for C14H11F3O5

=> d 1-3 L5

L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS  
RN 358353-03-4 REGISTRY  
CN 4H-1-Benzopyran-3-carboxylic acid, 6,7,8-trifluoro-5-methoxy-2-methyl-  
4-oxo-, ethyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C14 H11 F3 O5  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

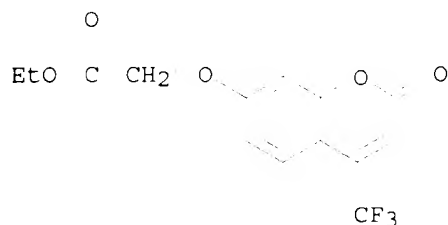


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

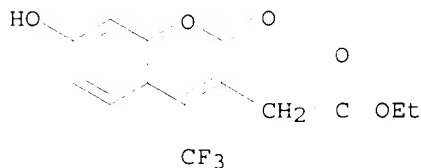
L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS  
RN 354130-54-4 REGISTRY  
CN Acetic acid, [[2-oxo-4-(trifluoromethyl)-2H-1-benzopyran-7-yl]oxy]-,

ethyl ester (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H11 F3 O5  
 SR Chemical Library  
 LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS  
 RN 263557-73-9 REGISTRY  
 CN 2H-1-Benzopyran-3-acetic acid, 7-hydroxy-2-oxo-4-(trifluoromethyl)-,  
 ethyl ester (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C14 H11 F3 O5  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> FIL CAPLUS

FILE 'CAPLUS' ENTERED AT 15:36:00 ON 20 SEP 2002  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing

of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 20 Sep 2002 VOL 137 ISS 13  
FILE LAST UPDATED: 19 Sep 2002 (20020919/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> d que 17

L1 2 SEA FILE=REGISTRY ABB=ON PLU=ON 263557-75-1/RN OR 263557-72-8 /RN  
L3 1 SEA FILE=CAPLUS ABB=ON PLU=ON L1  
L4 10 SEA FILE=REGISTRY ABB=ON PLU=ON C14 H11 F3 O5/MF  
L5 3 SEA FILE=REGISTRY ABB=ON PLU=ON L4 AND BENZOPYRAN  
L6 3 SEA FILE=CAPLUS ABB=ON PLU=ON L5  
L7 3 SEA FILE=CAPLUS ABB=ON PLU=ON L3 OR L6

=> D IBIB ABS HITSTR

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:136606 CAPLUS

DOCUMENT NUMBER: 137:20276

TITLE: New fluoroaryl-containing .beta.,.beta.'-dioxoesters in the synthesis of fluorobenzopyran-2(4)-ones

AUTHOR(S): Kisil', S. P.; Burgart, Ya. V.; Saloutin, V. I.

CORPORATE SOURCE: Institute of Organic Chemistry, Ural Division, Russian Academy of Sciences, Yekaterinburg, 620219, Russia

SOURCE: Russian Journal of Organic Chemistry (Translation of Zhurnal Organicheskoi Khimii) (2001), 37(10), 1455-1462

CODEN: RJOCEQ; ISSN: 1070-4280

PUBLISHER: MAIK Nauka/Interperiodica Publishing

DOCUMENT TYPE: Journal

LANGUAGE: English

AB For the first time were obtained Et 2-(2-methoxy-3,4,5,6-tetrafluorobenzoyl)-3-oxobutanoate and Et 2-pentafluorobenzoyl-3-oxobutanoate and their copper chelates. The compds. were prepd. by acylation of Et acetoacetate with 2-methoxy-3,4,5,6-tetrafluoro- and pentafluorobenzoyl chlorides. Cyclization of these .beta.,.beta.'-dioxoesters afforded substituted chromones. 2-Methyl-5-methoxy-6,7,8-trifluoro-3-ethoxycarbonylchromone hydrolyzes depending on reaction conditions either to 5-hydroxy-2-methyl-6,7,8-trifluorochromone or to 5-hydroxy-2-methyl-6,7,8-trifluorochromone-3-carboxylic acid. Reaction with morpholine provided 7-substituted product, and with aq. ammonia as a result of rearrangement forms 3-acetimido-4-hydroxy-5-methoxy-6,7,8-trifluorocoumarin. Hydrolysis of the latter yields 3-acetyl-4-hydroxy-5-methoxy-6,7,8-trifluorocoumarin.

IT 358353-03-4P

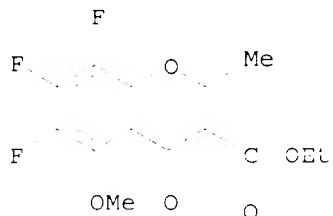
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of fluoroaryl-contg. .beta.,.beta.'-dioxoesters in the synthesis of fluorobenzopyran-2(4)-ones)



RN 358353-03-4 CAPLUS

CN 4H-1-Benzopyran-3-carboxylic acid, 6,7,8-trifluoro-5-methoxy-2-methyl-4-oxo-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=&gt; D IBIB ABS HITSTR 2-3

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:351591 CAPLUS

DOCUMENT NUMBER: 135:226855

TITLE: Fluoroaryl containing .beta.,.beta.'-dioxo esters in the synthesis of fluorobenzopyran-4(2)-ones

AUTHOR(S): Kisil', S. P.; Burgart, Y. V.; Saloutin, V. I.; Chupakhin, O. N.

CORPORATE SOURCE: Institute of Organic Synthesis, Urals Division, Russian Academy of Sciences, Yekaterinburg, 620219, Russia

SOURCE: Journal of Fluorine Chemistry (2001), 108(2), 125-131  
CODEN: JFLCAR; ISSN: 0022-1139

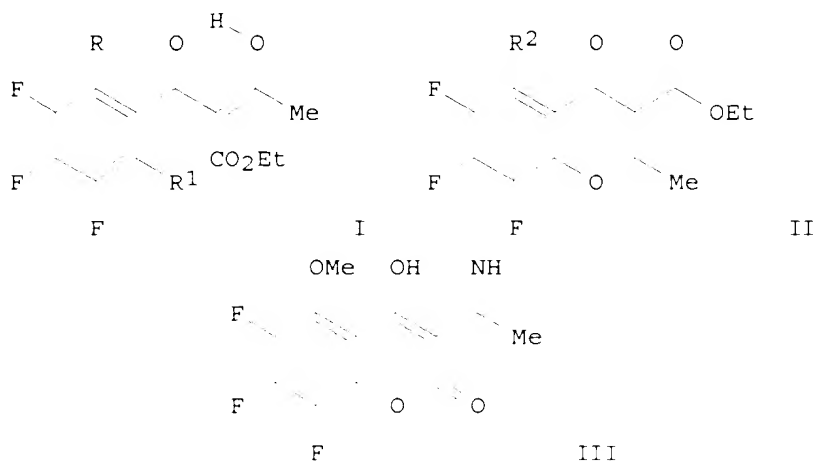
PUBLISHER: Elsevier Science S.A.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 135:226855

GI



AB Fluoroaryl contg. .beta.,.beta.'-dioxo esters I (R, R1 = MeO, MeO; MeO, F; F, F) and their copper(II) chelates were prepd. by acylation of Et acetoacetate with 2,6-dimethoxy-3,4,5-trifluorobenzoyl, 2-methoxy-3,4,5,6-tetrafluorobenzoyl, and pentafluorobenzoyl chlorides. Cyclization of I gave substituted fluorochromones, e.g. II (R2 = F, MeO). Depending on conditions II (R2 = MeO) hydrolyzed to 5-hydroxy-2-methyl-6,7,8-trifluorochromone or 5-hydroxy-2-methyl-6,7,8-trifluorochromone-3-carboxylic acid. II (R2 = MeO) reacted with morpholine to give the C-7 morpholino deriv. and with NH4OH to give the (iminoethyl)trifluorocoumarin III. Hydrolysis of the latter gave 3-acetyl-4-hydroxy-5-methoxy-6,7,8-trifluorocoumarin. Et 2-(2,6-dimethoxy-3,4,5-trifluorobenzoyl)-3-oxobutanoate underwent cleavage to give 1-(2,6-dimethoxy-3,4,5-trifluorophenyl)-1,3-butanedione.

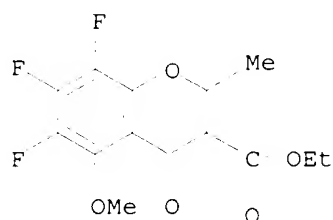
IT 358353-03-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(reactions of fluorobenzopyranones prepd. from (fluorobenzoyl)acetoacetates and their copper complexes)

RN 358353-03-4 CAPLUS

CN 4H-1-Benzopyran-3-carboxylic acid, 6,7,8-trifluoro-5-methoxy-2-methyl-4-oxo-, ethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:260575 CAPLUS

DOCUMENT NUMBER: 132:290490

TITLE: Preparation of 7-alkoxycoumarins and their use as CYP2C9 substrates in an assay for testing for the enzyme inhibitors

INVENTOR(S): Bambal, Ramesh B.; Elliott, Richard Leonard

PATENT ASSIGNEE(S): Smithkline Beecham PLC, UK

SOURCE: PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000022159	A1	20000420	WO 1999-EP7416	19991004
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1119639	A1	20010801	EP 1999-948946	19991004
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.:

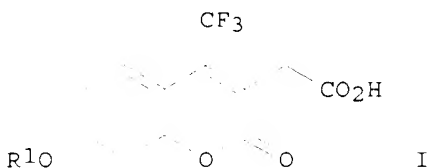
GB 1998-22140 A 19981009

WO 1999-EP7416 W 19991004

OTHER SOURCE(S):

CASREACT 132:290490; MARPAT 132:290490

GI



AB Prepn. of 7-alkoxycoumarins (I) and their use as cytochrome P 450 CYP2C9 substrates in an assay for testing for the enzyme inhibitors is disclosed. O-dealkylation of I following incubation with CYP2C9 gives a readily quantifiable fluorescent product. In a preferred aspect of the invention prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-acetic acid and its use as a CYP2C9 substrate is described.

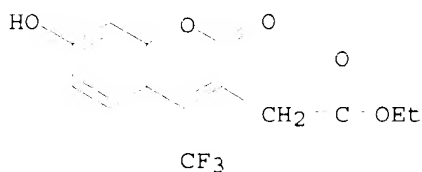
IT 263557-73-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(methylation of; prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-acetic acid and its use as CYP2C9 substrates in assay for testing for enzyme inhibitors)

RN 263557-73-9 CAPLUS

CN 2H-1-Benzopyran-3-acetic acid, 7-hydroxy-2-oxo-4-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



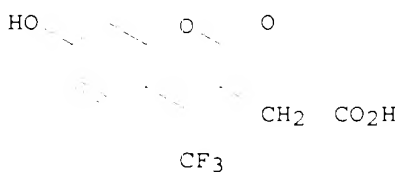
IT 263557-75-1

RL: ARG (Analytical reagent use); BSU (Biological study, unclassified); MFM (Metabolic formation); ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); USES (Uses)

(prepn. of 7-alkoxycoumarins and their use as CYP2C9 substrates in assay for testing for enzyme inhibitors)

RN 263557-75-1 CAPLUS

CN 2H-1-Benzopyran-3-acetic acid, 7-hydroxy-2-oxo-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

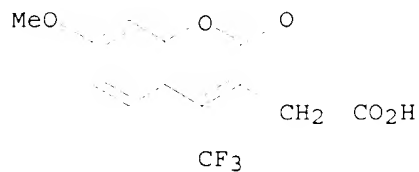


IT 263557-72-8P

RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST  
(Analytical study); PREP (Preparation); USES (Uses)  
(prepn. of 7-methoxy-4-trifluoromethylcoumarin-3-acetic acid and its  
use as CYP2C9 substrates in assay for testing for enzyme inhibitors)

RN 263557-72-8 CAPLUS

CN 2H-1-Benzopyran-3-acetic acid, 7-methoxy-2-oxo-4-(trifluoromethyl)- (9CI)  
(CA INDEX NAME)



REFERENCE COUNT:

5

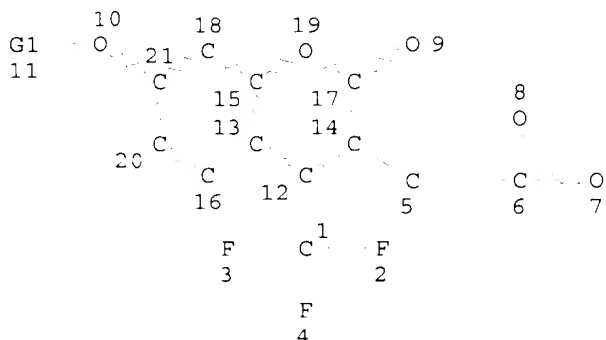
THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=&gt; d que 119

L1 2 SEA FILE=REGISTRY ABB=ON PLU=ON 263557-75-1/RN OR 263557-72-8 /RN

L3 1 SEA FILE=CAPLUS ABB=ON PLU=ON L1

L12 STR



VAR G1=H/AK

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 1

NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE

L17 5 SEA FILE=REGISTRY SSS FUL L12

L18 2 SEA FILE=CAPLUS ABB=ON PLU=ON L17

L19 1 SEA FILE=CAPLUS ABB=ON PLU=ON L18 NOT L3

=&gt; D IBIB ABS HITSTR

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1991:91839 CAPLUS

DOCUMENT NUMBER: 114:91839

TITLE: Silver halide color photographic photosensitive material

INVENTOR(S): Ichijima, Yasushi; Takamoto, Kunio

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 47 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02157752	A2	19900618	JP 1988-311521	19881209

GI

Cp (Sol)<sub>n</sub>

DYE Ballast A

AB In the title material having on a support at least 1 Ag halide emulsion layer, the material contains at least 1 kind of compds. A (Cp = a group capable of releasing a DYE-Ballast group upon coupling with an oxidized developing agent; DYE-Ballast group is capable of becoming a fluorescent compd. by sepg. from the Cp group; Sol is an alkali-sol. group; n = 0, 1; Ballast is a diffusion-resistive group).

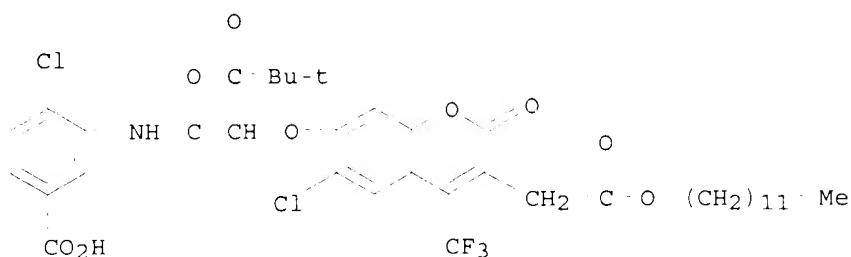
IT 132226-71-2

RL: USES (Uses)

(silver halide color photog. photosensitive materials contg.)

RN 132226-71-2 CAPLUS

CN 2H-1-Benzopyran-3-acetic acid, 7-[1-[[[(5-carboxy-2-chlorophenyl)amino]carbonyl]-3,3-dimethyl-2-oxobutoxy]-6-chloro-2-oxo-4-(trifluoromethyl)-, .alpha.-dodecyl ester (9CI) (CA INDEX NAME)



=> FIL BEILSTEIN

FILE 'BEILSTEIN' ENTERED AT 16:43:13 ON 20 SEP 2002

COPYRIGHT (c) 2002 Beilstein-Institut zur Foerderung der Chemischen Wissenschaften  
licensed to Beilstein Chemiedaten & Software GmbH and MDL Information Systems GmbH

FILE RELOADED ON APRIL 8, 2002

FILE COVERS 1779 TO 2001.

\*\*\* FILE CONTAINS 8,128,462 SUBSTANCES \*\*\*

>>> For the revised summary sheet please see:  
<http://info.cas.org/ONLINE/DBSS/beilsteinss.html> <<<

>>> PLEASE NOTE: Reaction and substance documents are stored in different file segments. Use separate queries to search for reaction and substance data. When searching for bibliographic information you have the option to chose the file segment. (Use "/XXX.SUB" to search for a bibliographic term in substance documents. To restrict the search to reaction documents use "/XXX.RX".)  
For additional information see HELP RXS. <<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

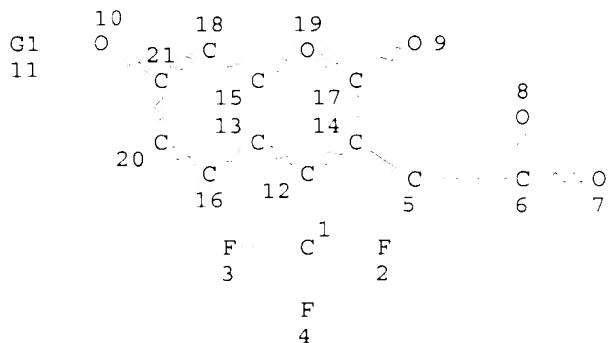
\*\*\*\*\*  
\* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. \*  
\* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE \*  
\* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE \*  
\* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. \*  
\* FOR PRICE INFORMATION SEE HELP COST \*

\*\*\*\*\*

=&gt; d que l21

L12

STR



VAR G1=H/AK

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE

L21 0 SEA FILE=BEILSTEIN SSS FUL L12